

Cost Detail Report for Specified Work Orders

Work Order	Source			Wo Part Desc	Amount	Tax	Freight	Tax On Freight
-----	-----	Po No.....	Vendor Name.....	-----	-----	-----	-----	-----
00-07718-0	JE			JOURNAL ENTRY 1002027	1000.00			
00-07718-0	JE			JOURNAL ENTRY 1002027	5000.00			
	**				-----	-----	-----	-----
00-07718-0	JE				6000.00	0.00	0.00	0.00
00-07718-0	PJ	02-22354	TURBOCARE	PROVIDE ALL MATERIALS, SUPERVISION, LABO	-153697.05			
00-07718-0	PJ	02-22354	TURBOCARE	PROVIDE ALL MATERIALS, SUPERVISION, LABO	145340.00	8357.05		
00-07718-0	PJ				10734.00			
00-07718-0	PJ	02-22354	TURBOCARE	PROVIDE ALL MATERIALS, SUPERVISION, LABO	192140.00	11048.05		
00-07718-0	PJ	02-22354	TURBOCARE	PROVIDE ALL MATERIALS, SUPERVISION, LABO	-164000.00	-9430.00		
00-07718-0	PJ	02-22354	TURBOCARE	PROVIDE ALL MATERIALS, SUPERVISION, LABO	138400.00	6003.00		
00-07718-0	PJ	02-22354	TURBOCARE	PROVIDE ALL MATERIALS, SUPERVISION, LABO	34000.00	1955.00		
00-07718-0	PJ	02-22354	TURBOCARE	PROVIDE ALL MATERIALS, SUPERVISION, LABO	12800.00	736.00		
	**				-----	-----	-----	-----
00-07718-0	PJ				215716.95	18669.10	0.00	0.00
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00-07718-0					221716.95	18669.10	0.00	0.00
					=====	=====	=====	=====
					221716.95	18669.10	0.00	0.00

10 records listed.

Report Name: MO.COST.DETAIL.WITH.SUBS

IP7\_005204



# PURCHASE ORDER

04 JAN 2002

VENDOR MUST SHOW P.O. NUMBER ON ALL INVOICES, BILL OF LADING, CORRESPONDENCE, AND ON PACKING LISTS IN EACH CONTAINER, TO INSURE PROMPT PAYMENT. CHARGES FOR TRANSPORTATION MUST BE SUPPORTED BY COPY OF FREIGHT BILL.

PURCHASE ORDER NO. 02-22354	VENDOR CODE 3001	REQUISITION NO 173417
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**VENDOR: TURBOCARE**  
 2140 WESTOVER ROAD  
 CHICOPEE, MA 01022-1057

\*\*\* SHIP TO \*\*\*  
 INTERMOUNTAIN POWER SERVICE CORPORATION  
 850 W. BRUSH WELLMAN RD.  
 DELTA, UT 84624-9546

800-346-5462 OR 413-593-0500

CONFIRMING DO NOT DUPLICATE	NON CONFIRMING X	SHIP VIA BEST WAY	TERMS NET 30	FOB POINT DESTINATION F/A	1 PAGE OF 2	NONE
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INTERMOUNTAIN POWER SERVICE CORPORATION'S STANDARD TERMS AND CONDITIONS ARE INCLUDED AS PART OF THIS AGREEMENT

QUANTITY ORDERED	UNIT	IPSC PART NO.	DESCRIPTION	ACCOUNT NUMBER	UNIT PRICE	EXTENSION
1	SV		<b>LINE 1</b> PROVIDE ALL MATERIALS, SUPERVISION, LABOR, TOOLS, AND EQUIPMENT FOR VARIABLE CLEARANCE DIAPHRAGM AND REDUCED CLEARANCE SPILL STRIP INSTALLATION IN THE INTERMEDIATE PRESSURE TURBINE SECTION ON UNIT 2 DURING THE SPRING 2002 OUTAGE	00-2TGX-402 00-07718-0	179,340.00	179,340.00
1	SV		<b>LINE 2</b> PROVIDE ALL MATERIALS, SUPERVISION, LABOR, TOOLS, AND EQUIPMENT FOR VARIABLE CLEARANCE DIAPHRAGM AND REDUCED CLEARANCE SPILL STRIP INSTALLATION IN THE INTERMEDIATE PRESSURE TURBINE SECTION ON UNIT 1 DURING THE SPRING 2003 OUTAGE	00-1TGX-402 00-07718-0	179,340.00	179,340.00
ATTENTION: BOB HOGAN/KRISTEN SCHROEDER  RCN/CLE						

- Invoices and correspondence may be mailed to Intermountain Power Service Corporation, 850 West Brush Wellman Rd., Delta, Utah, 84624-9546.
- Acknowledgement is required if shipment will not be made within Five days.
- Mark packages or items with IPSC part number and/or P.O. Line number. Show number on invoice and packing slip.
- Vendor must furnish applicable material safety data sheets.

UTAH VENDORS ARE TO ADD TO THE INVOICE ALL APPLICABLE STATE, AND COUNTY TAXES.

OUT OF STATE VENDORS, LICENSED TO COLLECT UTAH TAXES, ARE TO ADD TAX OF 6%.

UTAH TAXES WILL BE ACCRUED BY IPSC FOR OUT OF STATE VENDORS NOT LICENSED TO COLLECT UTAH STATE TAX

BUYER

IP7\_005205



**INTERMOUNTAIN POWER SERVICE CORP.**  
Delta, Utah 84624-9546 (435) 864-4414 - Purchasing FAX (435) 864-8678

VENDOR: TURBOCARE

## PURCHASE ORDER

04 JAN 2002

VENDOR MUST SHOW P.O. NUMBER ON ALL INVOICES, BILL OF LADING, CORRESPONDENCE, AND ON PACKING LISTS IN EACH CONTAINER, TO INSURE PROMPT PAYMENT. CHARGES FOR TRANSPORTATION MUST BE SUPPORTED BY COPY OF FREIGHT BILL.

PURCHASE ORDER NO. 02-22354	VENDOR CODE 3001	REQUISITION NO. 173417
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\*\*\* SHIP TO \*\*\*  
INTERMOUNTAIN POWER SERVICE CORPORATION  
850 W. BRUSH WELLMAN RD.  
DELTA, UT 84624-9546

800-346-5462 OR 413-593-0500

CONFIRMING DO NOT DUPLICATE	NON CONFIRMING X	SHIP VIA BEST WAY	TERMS NET 30	FOB POINT DESTINATION F/A	2 PAGE OF 2	NONE
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INTERMOUNTAIN POWER SERVICE CORPORATION'S STANDARD TERMS AND CONDITIONS ARE INCLUDED AS PART OF THIS AGREEMENT

QUANTITY ORDERED	UNIT	IPSC PART NO.	DESCRIPTION	ACCOUNT NUMBER	UNIT PRICE	EXTENSION
			<p>**NOTE: TOTAL COST INCLUDES OPTION III, PARAGRAPH 1 OF VENDOR'S QUOTE, FOR AN ADDITIONAL \$9,600 PER UNIT FOR UPGRADED SPE COATED SPILL STRIPS FOR STAGES 9 THROUGH 14**</p> <p>**NOTE: THE ATTACHED REVISED ADDITIONAL GENERAL CONDITIONS, PART E, DIVISION E2, OF SPECIFICATIONS 45556 ARE MADE A PART OF THIS PURCHASE ORDER BY REFERENCE HEREIN**</p> <p>***SERVICE CONTRACT TERMS AND CONDITIONS (TC-100'S) ARE INCORPORATED IN THIS PURCHASE ORDER BY REFERENCE***</p> <p>*****ATTENTION IPSC WAREHOUSE***** THIS ORDER IS FOR A SERVICE AND NO MATERIAL WILL BE RECEIVED</p> <p>DATE REQUIRED 02/21/02</p>			
TOTAL COST						358,680.00

- Invoices and correspondence may be mailed to Intermountain Power Service Corporation, 850 West Brush Wellman Rd., Delta, Utah, 84624-9546.
- Acknowledgement is required if shipment will not be made within five days.
- Mark packages or items with IPSC part number and/or P.O. Line number. Show number on invoice and packing slip.
- Vendor must furnish applicable material safety data sheets.

UTAH VENDORS ARE TO ADD TO THE INVOICE ALL APPLICABLE STATE, AND COUNTY TAXES.

OUT OF STATE VENDORS, LICENSED TO COLLECT UTAH TAXES, ARE TO ADD TAX OF 8%.

UTAH TAXES WILL BE ACCRUED BY IPSC FOR OUT OF STATE VENDORS NOT LICENSED TO COLLECT UTAH STATE TAX

 RALPH NEWBERRY 435-864-4414

BUYER

REVIEWED BY 

IP7\_005206



**INTERMOUNTAIN POWER SERVICE CORP.**  
Delta, Utah 84624-9546 (435) 864-4414 - Purchasing FAX (435) 864-6678

**VENDOR: TURBOCARE**  
2140 WESTOVER ROAD  
CHICOPEE, MA 01022-1057

# PURCHASE ORDER

04 JAN 2002  
REVISED 06 MAY 2002

VENDOR MUST SHOW P.O. NUMBER ON ALL INVOICES, BILL OF LADING, CORRESPONDENCE, AND ON PACKING LISTS IN EACH CONTAINER, TO INSURE PROMPT PAYMENT. CHARGES FOR TRANSPORTATION MUST BE SUPPORTED BY COPY OF FREIGHT BILL.

PURCHASE ORDER NO. 02-22354	VENDOR CODE 3001	REQUISITION NO. 173417
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\* \* \* S H I P T O \* \* \*  
INTERMOUNTAIN POWER SERVICE CORPORATION  
850 W. BRUSH WELLMAN RD.  
DELTA , UT 84624-9546

800-346-5462 OR 413-593-0500

CONFIRMING DO NOT DUPLICATE	NON CONFIRMING X	SHIP VIA BEST WAY	TERMS NET 30	FOB POINT DESTINATION F/A	1 PAGE OF 1	MAIL
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INTERMOUNTAIN POWER SERVICE CORPORATION'S STANDARD TERMS AND CONDITIONS ARE INCLUDED AS PART OF THIS AGREEMENT

QUANTITY ORDERED	UNIT	IPSC PART NO.	DESCRIPTION	ACCOUNT NUMBER	UNIT PRICE	EXTENSION
1	SV		THIS IS A PURCHASE ORDER ADJUSTMENT  LINE 1 PROVIDE ALL MATERIALS, SUPERVISION, LABOR, TOOLS, AND EQUIPMENT FOR VARIABLE CLEARANCE DIAPHRAGM AND REDUCED CLEARANCE SPILL STRIP INSTALLATION IN THE INTERMEDIATE PRESSURE TURBINE SECTION ON UNIT 2 DURING THE SPRING 2002 OUTAGE  **TO CLEAN UP RECORDS & TO ADJUST PO TO ACTUAL AMOUNT PAID. PO WAS ORIGINALLY \$179,340. INCREASE PO \$10,734 PER ADDITIONAL WORK ON INVOICE NO. 106864. INVOICE APPROVED BY DENNIS KILLIAN & GEORGE W. CROSS ON 05/3/02** RN/CLE	00-2TGX-502 00-07718-0	** PRICE 190,074.00	CHANGED 190,074.00

- Invoices and correspondence may be mailed to Intermountain Power Service Corporation, 850 West Brush Wellman Rd., Delta, Utah, 84624-9546.
- Acknowledgement is required if shipment will not be made within Five days.
- Mark packages or items with IPSC part number and/or P.O. Line number. Show number on invoice and packing slip.
- Vendor must furnish applicable material safety data sheets.
- Add to invoice all applicable federal taxes.

UTAH VENDORS ARE TO ADD TO THE INVOICE ALL APPLICABLE STATE, AND COUNTY TAXES.

OUT OF STATE VENDORS, LICENSED TO COLLECT UTAH TAXES, ARE TO ADD TAX OF 6%.

UTAH TAXES WILL BE ACCRUED BY IPSC FOR OUT OF STATE VENDORS NOT LICENSED TO COLLECT UTAH STATE TAX

RALPH NEWBERRY 435-864-4414

BUYER

REVIEWED BY S. CHAPMAN

IP7\_005207

**PART E - DIVISION E2****ADDITIONAL GENERAL CONDITIONS**

1. **Performance:** Work completed during the outage on the high-pressure turbine section shall be guaranteed to produce an improvement in section efficiency equal to eighty (80) percent of recovered losses. The recovered losses shall be based on the calculated difference in steam path efficiency, as agreed upon by the Contractor and IPSC, between an opening and closing steam path audit.

IPSC will complete pre-outage performance tests to determine the performance level of the high-pressure turbine section. After the high-pressure section is opened, an opening steam path audit will be conducted by IPSC. The performance loss due to steam path deterioration will be determined by calculation. The types of deterioration that will be considered are, but not limited to, solid particle erosion, deposits, increased clearances, foreign object damage, and component surface roughness. Actual steam path repairs will be determined by IPSC following evaluation of the opening steam path audit.

Prior to closing the high-pressure section, a closing steam path audit will be conducted by IPSC to determine the recovered losses attributable to outage maintenance activities. The recovered losses will be calculated and agreed upon by the Contractor and IPSC.

2. **Performance Tests:** IPSC will conduct pre and post-outage performance tests with the intention of determining compliance with the performance guarantees. The tests will be conducted using plant instrumentation calibrated by IPSC, and by using design calculations agreed upon by the Contractor and IPSC where measurements are impractical. The tests will be conducted at valve wide open and corrected to design throttle conditions.

The general methods outlined in the ASME test code will be used as a guide for test procedures; however, code technicalities shall not void the validity of these tests. The Contractor shall have the right to witness the tests.

In addition to the above test procedures, IPSC may utilize a third party contractor to conduct ASME Performance Test Code tests (ASME PTC-6S) for the pre and post-outage testing. IPSC further reserves the right to use a third party contractor to conduct the opening and closing steam path audits. The results of the performance tests and steam path audits shall then be binding on the parties of this Contract.

All reasonable effort will be made to conduct the pre-outage performance tests within four (4) weeks before the start of the outage and the post-outage test within four (4) weeks of the initial startup following the outage.

3. **Guarantee:** The Contractor shall guarantee that the high-pressure turbine section shall meet the performance conditions as set forth in these Specifications.

If the field tests indicate that such performance conditions are not met, then IPSC shall be entitled to damages, excluding consequential damages, for such deficient performance. The damages for failing to meet the performance conditions as set forth in these Specifications shall be ten (10) percent of the Contract amount. It is agreed between the Contractor and IPSC that it would be impossible or extremely difficult to

## DIVISION E2

ADDITIONAL GENERAL CONDITIONS

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determine actual damages for failing to meet the guaranteed performance and that the above agreed amounts are reasonable liquidated damages and do not constitute a penalty.

The Contractor shall repair or replace, f.o.b. contract delivery point, all defective materials and workmanship.

4. Payment: Payment will be made within thirty (30) calendar days after completion of outage and performance tests, and receipt of the invoice.
5. Regulations, Permits, Licenses, and Warrants: The Contractor shall comply with all applicable federal, state, and local regulations including, but not limited to, Federal and State Occupational Safety Health Administration (OSHA), as said regulations relate to this Contract. In addition, the Contractor shall ensure that all permits, licenses, and warrants relating to the Contract be acquired.
6. Invoices: Invoices shall be submitted in duplicate to Accounts Payable, Intermountain Power Service Corporation, 850 West Brush Wellman Road, Delta, UT 84624-9546.  
  
Each invoice shall show the Contract number. In all cases, the amount of the applicable sales tax or use tax shall be separately stated on the invoice.
7. Letters to IPSC: All inquiries relating to these Specifications prior to award of the Contract shall be addressed to the Buyer.

After award of Contract, all letters pertaining to performance of the Contract shall be addressed as follows:

S. Gale Chapman  
President and Chief Operations Officer  
Intermountain Power Service Corporation  
850 West Brush Wellman Road  
Delta, UT 84624-9546

Attention: Contract Administrator

Regarding Contract No. 02-45556

## TERMOUNTAIN POWER SERVICE CORPORATION

## REQUISITION FOR CAPITAL EQUIPMENT

## PURCHASE AUTHORIZATION FOR EXPENSE ITEMS

## Purpose of Materials, Supplies or Services:

Purchase variable clearance packing and reduced clearance spill strips for installation in the intermediate pressure turbine sections of both Unit 1 and Unit 2. This is identified Capital Project IGS01-17 for the 2001-02 and 002-03 budget

Date:	1-4-02
Req./PA No:	173417
P.O. No:	02-22354
Vendor:	TURBO CASE
Terms:	05
FOB:	01
Ship Via:	08
Cont. To:	B. Hagen

Del 2-21-02 Krieten  
Schroeder

Suggested Vendor: Competitive BidAccount No. 001TGX-402Work Order No. 90-7718-0Project No. IGS 01-17

Qty	Unit	Noun	Description Adjective	Catalog #	Seller or Manufacturer	Unit Cost	Extension
1	1		Unit 2: All materials, supervision, labor, tools, and equipment for variable clearance diaphragm and reduced clearance spill strip installation in the intermediate pressure turbine section during the Spring 2002 outage.				\$342,000.00 179,340.00
1	1		Unit 1: All materials, supervision, labor, tools, and equipment for variable clearance diaphragm and reduced clearance spill strip installation in the intermediate pressure turbine section during the Spring 2003 outage.				\$342,000.00 179,340.00
<p><i>Notes: The attached Revised additional General Conditions Part E Div 2 of Specifications 5556 are RECEIVED with a part of this purchase Nov 07/01 by reference herein.</i></p>							
PURCHASING							\$358,680.00
TOTAL ESTIMATED COST							\$684,000.00

Remarks: Contact D. Spence at 6449 or A. Nissen at 6482 with questionsDelivery requested by (Date) 03-01-02Originator David SpenceDept. Mgr./Supt. 11-6-01

Date

Station Manager 11-6-01

Date

Operating Agent Bruce Harvey

Date

Sawant Biddle

1-4-02

OK for 4/4/02

IP7\_005210

~~Manually  
Jax  
PO, Revised Specs  
& TC's (100)  
Done~~

Total cost includes option  
III. Parcel of Vendor quote  
for an additional \$9,600.00  
Per unit for upgraded  
spill strips for stages  
9 through 14  
(SPE Coated)